AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the Application.

1. (Currently amended): ~~A cleaning, disinfection, and indicator~~An agent comprising:

a first oxidant comprising a water-soluble permanganate,

a second oxidant whose oxidation potential exceeds that of a mixture containing 50 mol% manganese VII and 50 mol% manganese VI; and

a primary and/or secondary alkali carbonate,

wherein the agent comprises:

- a peroxodisulfate,
- a permanganate,
- a polyphosphate,
- a metaphosphate, and
- a carbonate.

2. (Currently Amended): The ~~cleaning, disinfection, and indicator~~ agent according to Claim 1, wherein the oxidation potential of the second oxidant is above that of HO2- to OH-.

3. (Currently Amended): The ~~cleaning, disinfection, and indicator~~ agent according to Claim 1, wherein the second oxidant comprises a persulfate.

4. (Currently Amended): The ~~cleaning, disinfection, and indicator~~ agent according to Claim 19, wherein the peroxodisulfate comprises sodium peroxodisulfate.

5. (Currently Amended): The ~~cleaning, disinfection, and indicator~~ agent according to Claim 1, wherein the permanganate comprises potassium permanganate.

6. (Currently Amended): The ~~cleaning, disinfection, and indicator~~ agent according to Claim 1, wherein the ~~cleaning, disinfection, and indicator~~ agent comprises sodiumtripolyphosphate.

7. (Currently Amended): The ~~cleaning, disinfection, and indicator~~ agent according to Claim 1, wherein the ~~cleaning, disinfection, and indicator~~ agent contains sodium hexametaphosphate.

8. (Currently Amended): The ~~cleaning, disinfection, and indicator~~ agent according to Claim 1, wherein the ~~cleaning, disinfection, and indicator~~ agent comprises the following composition:

- 3-5% sodiumperoxodisulfate,
- 0.06-0.08% potassium permanganate,
- 5-7% sodium tripolyphosphate,
- 9-11% sodium hexametaphosphate,
- 2.0-3.0%, of the mixture of sodium carbonate and sodium hydrogen carbonate.

9. (Currently amended): A method for cleaning, disinfection, and monitoring cleanliness, comprising: combining the ~~cleaning, disinfection, and indicator~~ agent of claim 1 with water to form a first aqueous solution;

combining an alkaline agent with the first aqueous solution to form a second aqueous solution, wherein the alkaline agent is configured to ensure a pH of the second aqueous solution of at least 11;

[;] and

tracking the cleaning progress by monitoring an intensity of light passed through the second aqueous solution.

10. (Previously Presented): The method according to Claim 9, wherein the light comprises violet, green and/or yellow wavelength.

11. (Previously Presented) The method according to claim 9, further comprising circulating the second aqueous solution through the components to be cleaned and/or disinfected.

12. (Canceled):

13. (Currently Amended): The method according to Claim 9, wherein the ~~cleaning, disinfection, and indicator~~ agent comprises the following composition:

- 3-5% sodium peroxodisulfate,
- 0.06-0.08% potassium permanganate,
- 5-7% sodium tripolyphosphate,
- 9-11% sodium hexametaphosphate,
- 2.0-3 0%, of a mixture of sodium carbonate and sodium hydrogen carbonate.

14. (Previously Presented): The method according to Claim 9, wherein the monitoring the intensity of the light is ascertained automatically.

15. (Currently Amended): The method according to Claim 9, wherein the cleanliness is calculated from the intensity change of the light passed through the second aqueous solution and the quantity of the ~~cleaning, disinfection, and indicator~~ agent used.

16. – 17. (Canceled)

18. (Previously Presented): The method according to claim 9, further comprising circulating the alkaline agent through the components to be cleaned and/or disinfected and subsequently combining the alkaline agent with the first aqueous solution.

19. (Currently Amended): The ~~cleaning, disinfection, and indicator~~ agent according to Claim 3, wherein the second oxidant comprises a peroxodisulfate.

20. (Currently amended) The ~~cleaning, disinfection, and indicator~~ agent according to Claim 1, wherein the agent is in a liquid form and storage-stable.

21. (Previously Presented) The method of claim 9, wherein the method is configured to clean carbonators, fillers or brewery.

22. (Previously Presented) The composition of claim 1, wherein the composition changes color on contact with the substance external to the composition, wherein said color change allows a visual evaluation of an amount of the substance external to the composition oxidized by the composition.

23. (Previously Presented) The composition as claimed in claim 1, wherein the color change is from purple to a second color other than purple.

24. (Previously Presented) The composition as claimed in claim 23, wherein the second color is green.

25. (Previously Presented) The composition as claimed in claim 23, wherein the second color is yellow.

26. (Previously Presented) The composition as claimed in claim 1, wherein the composition changes color upon contact with a substance external to the composition, wherein the substance external to the composition comprises an organic substance.

27. (Previously Presented) The composition of claim 26, wherein the water-soluble permanganate reacts with the organic substance.

28. (Previously Presented) The composition of claim 26, wherein a peroxodisulfate reacts with the organic substance.

29. (Previously Presented) The composition as claimed in claim 1, wherein the composition changes color upon contact with a substance external to the composition, wherein the substance external to the composition comprises an organic substance, the second oxidant comprises peroxodisulfate, and both the water-soluble permanganate and the peroxodisulfate react with the organic substance.